



Exalpa Biologicals, Inc.

Bi-Test™ CD3 FITC - CD56 PE

Product: Anti-human CD3 FITC T cell Monoclonal Antibody and CD56 PE NK Lymphocytes Monoclonal Antibody.

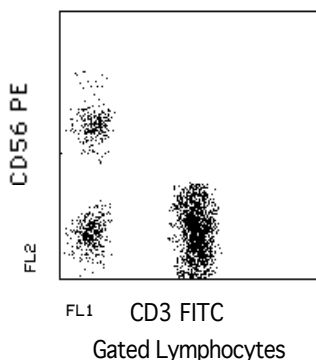
Description: The CD3 epitope is expressed on the epsilon chain of the CD3/T cell antigen receptor (TcR) complex. CD3 is present on 65-85% of thymocytes and has a mitogenic effect on peripheral blood T cells. Identification of human T cells expressing the 22-28,000 M.W. surface antigen. CD56, M.W.150,000 is expressed on approximately 10-25% of human peripheral blood lymphocytes. CD56 (NKH-1) is expressed on human peripheral blood natural killer cells, representing a pan NK-cell antigen. Expressed on non-MHC-restricted cytotoxic T cells.

Isotype: Mouse IgG-1 kappa (FITC) and Mouse IgG-2b kappa (PE)

Clones: M2AB (CD3 FITC) and C5.9 (CD56 PE)

Applications: Monitoring of T cells subsets in peripheral blood; Characterization of subtypes of T cell leukemia's and lymphomas; Studies of AIDS/HIV virus infection; Analysis of CD3 complex related to the T cell antigen receptor; Study of resting and activated NK cells; Study of non-MHC restricted cytotoxic T cells; Study of T cell differentiation in early thymocytes.

Use: PBMC: Add 10 µl of MAB/10⁶ PBMC in 100 µl PBS. Mix gently and incubate for 15 minutes at 20^o to 8^oC. Wash twice with PBS and analyze. WHOLE BLOOD: Add 10 µl of MAB/100 µl of whole blood. Mix gently and incubate for 15 minutes at room temperature 20^oC. Lyse the whole blood. Wash once with PBS and analyze. See instrument manufacturer's instructions for Lysed Whole Blood and Immunofluorescence analysis with a flow cytometer or microscope.



Legend: Peripheral Blood Lymphocytes Stained with Exalpa's Bi-Test CD3 FITC-CD56 PE Two Color Staining Kit.

Storage: Antibodies are supplied in PBS, 0.08% sodium azide and 0.2% protein carrier for FITC and PE. Antibodies should be stored at 4-8^oC. Monoclonal antibodies should not be frozen. Reagents are stable for the period shown on the vial label when stored properly.

Ordering Information:	Form	Vial Size	Catalog #
	Bi-Test™	50 Test	0356S
	Bi-Test™	100 Test	0356

For research use only. Not for use in human diagnostics or therapeutics.

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